

**479514 TO 479515-continued**

Center; US National Arboretum; Wooster, Ohio; Washington, D.C.

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**479514.** JH-96-82. Japan. US National Arboretum. 51118. Collected September 19, 1982. S of hwy 344, E of pass toward Lake Rausu, Rausu-cho, Menashi-gun, Hokkaido. 675m. Lat. 44 deg. 03' N, Long. 145 deg. 10' E. Snow cover 1.5m per annum. Minimum temperature -20C. Evergreen tree, 6m tall. Branches stiff. Leaves bright green, lustrous. Cones reddish brown. Growing in open, wet area with *Abies sachalinensis*. Tree seems rare in area, only one seen. Seed collected from one plant. Wild. Seed.

**479515.** JH-209-82. Japan. US National Arboretum. 51232. Collected September 29, 1982. South slope of Mt. Dairoku, Furano-shi, Hokkaido. Lat. 43 deg. 36' N, Long. 144 deg. 26' E. Snow cover 2.5m per annum. Minimum temperature -30C. Evergreen, up to 4.6m tall, spreading. Branches stiff, close. Leaves lustrous dark green. Cones erect, purple. Scattered on steep wooded slopes. Seed collected from 2 trees. Wild. Seed.

**479516 TO 479517. *Picea jezoensis* (Sieb. & Zucc.) Carr. (Pinaceae)  
Yeddo spruce.**

From Japan. Collected by Kawase, M.; Nielsen, D.; Meyer, F.; March, S.; Ohio Agricultural Research & Development Center; US National Arboretum; Wooster, Ohio; Washington, D.C.

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**479516.** JH-139-82. Japan. US National Arboretum. 51162. Collected September 22, 1982. Osonai, Hamanaka-machi, Akkeshi-gun, Hokkaido. Lat. 43 deg. 09' N, Long. 145 deg. 04' E. Snow 40cm, deepest 1.3m. Minimum temperature -20C. Tree mature. Bark white. Seedling collected from a nursery of Hokkaido Pref. Forest Service, Akkeshi Station. Seeds for the seedlings are of local origin. Cultivated. Plants.

**479517.** JH-226-82. Japan. US National Arboretum. 51228. Collected September 29, 1982. Arboretum, Tokyo Univ. Furano Forest, Yamabe, Furano-shi, Hokkaido. Lat. 43 deg. 14' N, Long. 142 deg. 24' E. Snow cover 2.5m per annum. Minimum temperature -30C. Seed collected from one plant. Cultivated. Plants.

**479518. *Picrasma quassioides* (D. Don) Benn. (Simaroubaceae).**

From Japan. Collected by Kawase, M.; Nielsen, D.; Meyer, F.;